BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

SCHEDULE - B

Improvements to roads, drains and construction of culverts at Sadiq Layout and Surrounding areas in Ward No.06

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. S R Manjunath (SRI LAKSHMI CONSTRUCTIONS.)	
				In figures	In words
1	1838.73	Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete with all lead and lift charges as per direction of engineer-in-charge	Cum	255.55	Rupees Two Hundred Fifty Five And Paise Fifty Five Only
2	197.99	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete with all lead and lift charges as per direction of engineer-in-charge	Cum	4791.34	Rupees Four Thousand Seven Hundred Ninety One And Paise Thirty Four Only
3	509.76	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete with all lead and lift charges as per direction of engineer-in-charge	Cum	7562.28	Rupees Seven Thousand Five Hundred Sixty Two And Paise Twenty Eight Only
4	31.45	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete with all lead and lift charges as per direction of engineer-in-charge	MT	78017.40	Rupees Seventy Eight Thousand Seventeen And Paise Forty Only
5	1228.58	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(0.9 x 0.60 x 0.1)Data rate	Sqm	2499.66	Rupees Two Thousand Four Hundred Ninety Nine And Paise Sixty Six Only
6	93.84	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.25)Data rate	Sqm	5795.09	Rupees Five Thousand Seven Hundred Ninety Five And Paise Nine Only
7	1751.00	Providing and fixing pre cast solid concrete kerb stones of size 450x150x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete with all lead and lift charges as per direction of engineer-in-charge	No	510.20	Rupees Five Hundred Ten And Paise Twenty Only

Contractor

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				In figures	In words
8	236.40	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete with all lead and lift charges as per direction of engineer-in-charge	Sqm	85.43	Rupees Eighty Five And Paise Forty Three Only
9	1352.38	Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete with all lead and lift charges as per direction of engineer-in-charge	Cum	84.79	Rupees Eighty Four And Paise Seventy Nine Only
10	450.79	Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete with all lead and lift charges as per direction of engineer-in-charge	Cum	2009.93	Rupees Two Thousand Nine And Paise Ninety Three Only
11	450.79	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601 with OPC cement @150Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with slip form paver with electronic sensor.complete with all lead and lift charges as per direction of engineer-in-charge	Cum	3828.70	Rupees Three Thousand Eight Hundred Twenty Eight And Paise Seventy Only

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				In figures	In words
12	450.79	constructing un-reinforced, plain cement Pavements using Grade M-30 over a prepared base with OPC 360 kg/cum coarse aggregate at 0.69cum, fine aggregates at 0.46cum, Coarse and fine aggregate confirming to IS:383-2016 with Superplastizer at 3lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micronthick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour, hire charges of	Cum	5250.17	Rupees Five Thousand Two Hundred Fifty And Paise Seventeen Only
13	3005.29	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., complete with all lead and lift charges as per direction of engineer-in-charge	Sqm	72.62	Rupees Seventy Two And Paise Sixty Two Only
14		GST @ 12%			

Manjunath.S.R

Contractor

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